

ABSTRACT OF THE DISCLOSURE

A multistage space-efficient electrostatic collector cleans a gas flowing therethrough along a gas flow path having a first stage provided by a first corona discharge zone along the gas flow path, and a second stage provided by a second corona discharge zone along the gas flow path and spaced along the gas flow path from the first corona discharge zone. A method is provided for increasing residence time within the corona discharge zone of gas flowing through an electrostatic collector.